

# Groceries

The goal of this task is to create groceries search functionality, with the possibility to show some details about single ingredients.

You'll be presented a basic wireframe containing:

- search input
- results list
- ingredient detail

You'll find attached the data to run your search on (*groceries.json*)

The project should be locally runnable (include commands to run it if something more than `npm ci; npm start` is needed).

You can decide to do the filtering on the frontend app or on a stubbed backend

We pay a lot of attention to the following:

- Code structure (principles, separation of concerns, low-coupling/high-cohesion, design patterns etc.)
- Evidences that the code does what it's supposed to do
- Readability of the code
- Flexibility of the code towards potential evolution
- YAGNI/KISS/DRY
- Testing

# Wireframe

4	Search
Banana	View Details
Apple	View Details
Cocoa	View Details
Pineapple	View Details

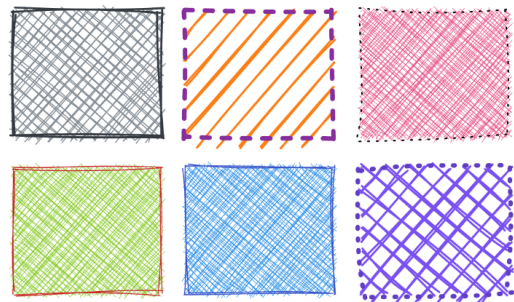
## Apple

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Calories: 52.  
Water: 86%  
Protein: 0.3 grams.  
Carbs: 13.8 grams.  
Sugar: 10.4 grams.  
Fiber: 2.4 grams.  
Fat: 0.2 grams.

## Cocoa

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# Specifications

1. When no input is provided, there should be an empty state.

Eg:



Type something in

2. Upon single character insertion, it should filter the groceries list by *name*
3. Clicking on **show details** button the user should be presented details containing *name*, *description* and either *additionalInformation* or *images* depending on the data available
4. Upon refresh of page:
  - a. from the search page, it should preserve the current provided search input
  - b. from the detail page, it should show the same ingredient detail
5. The user should be able to move back to the search page from detail page, keeping the previously searched input, even interacting with the browser history